

## ABSTRACT

$\frac{1}{\sqrt{2}} \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 0 \end{pmatrix}$   $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 0 \end{pmatrix}$